

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111414\
 Data File : BF075534.D
 Acq On : 15 Nov 2014 11:35
 Operator : TP / JJ
 Sample : F4706-10
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(37-39)-111114

Quant Time: Nov 16 02:37:23 2014
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111214.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 16 02:30:12 2014
 Response via : Initial Calibration

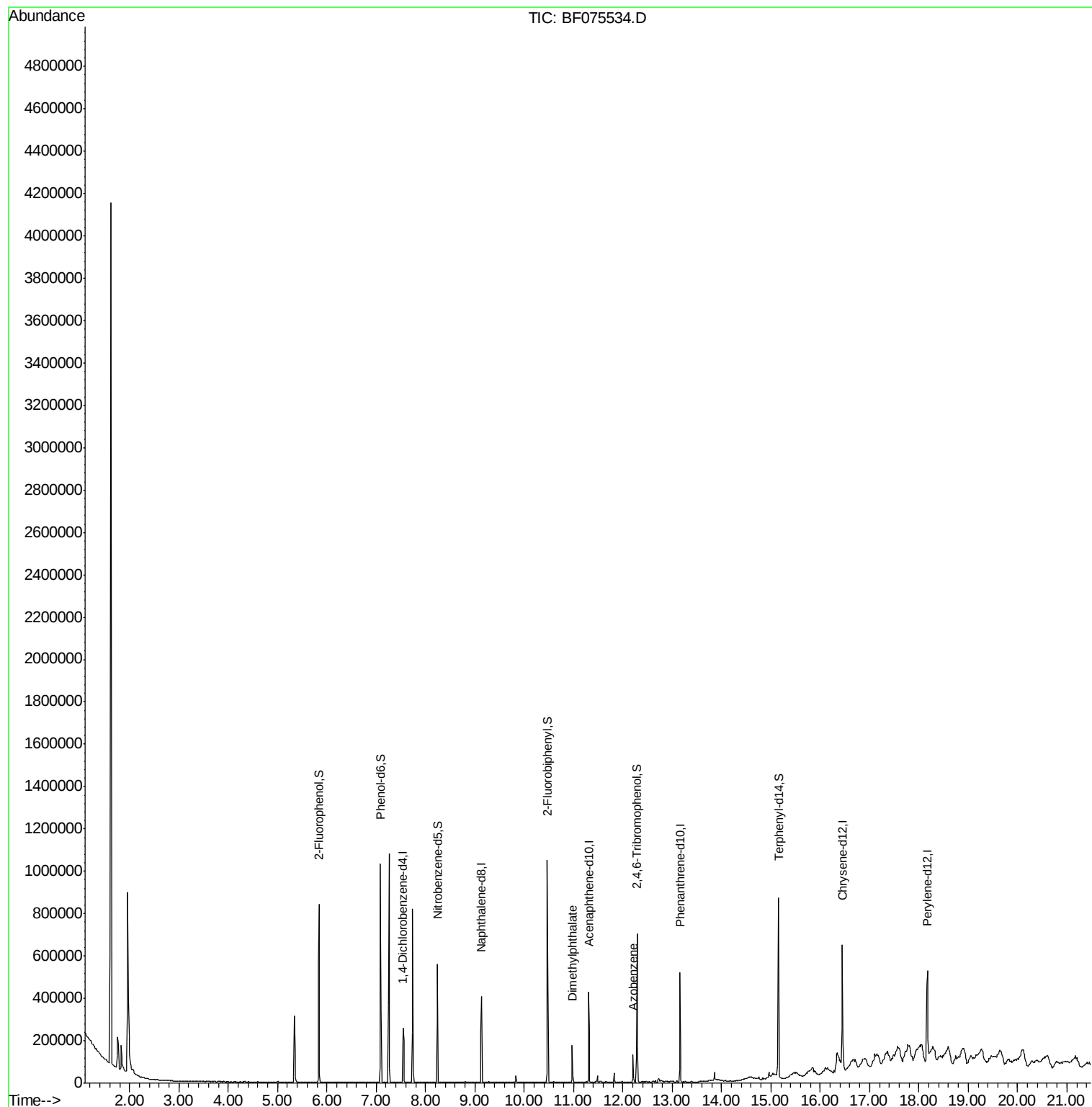
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	52954	20.00	ng	-0.01
21) Naphthalene-d8	9.13	136	230334	20.00	ng	0.00
38) Acenaphthene-d10	11.31	164	117219	20.00	ng	-0.01
63) Phenanthrene-d10	13.16	188	195132	20.00	ng	0.00
75) Chrysene-d12	16.45	240	210506	20.00	ng	-0.01
86) Perylene-d12	18.17	264	214631	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.84	112	302295	100.85	ng	0.01
7) Phenol-d6	7.09	99	352799	97.87	ng	0.00
23) Nitrobenzene-d5	8.24	82	197586	62.89	ng	0.00
41) 2,4,6-Tribromophenol	12.29	330	84644	86.21	ng	-0.01
44) 2-Fluorobiphenyl	10.47	172	376584	58.05	ng	-0.01
78) Terphenyl-d14	15.16	244	409847	52.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.97	163	71475	8.92	ng	Qvalue 99
62) Azobenzene	12.21	77	23068	3.15	ng	# 1

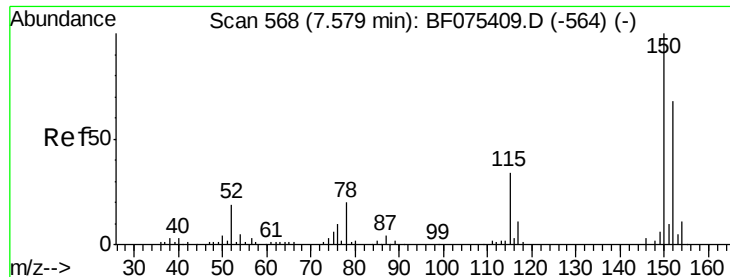
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Nov 16 02:30:12 2014
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Instrument :

BNA_F

ClientSampleId :

SB-10(37-39)-111114

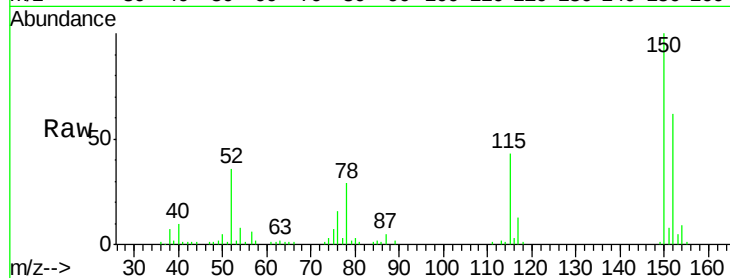
Tgt Ion:152 Resp: 52954

Ion Ratio Lower Upper

152 100

150 160.1 127.2 190.8

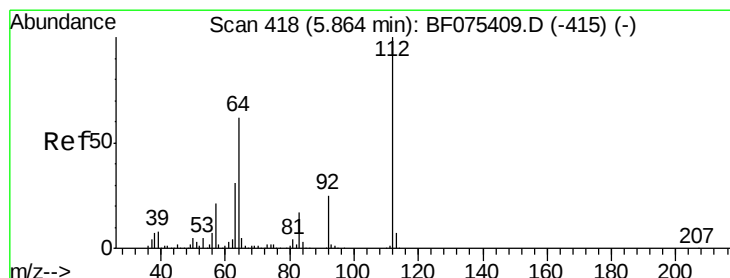
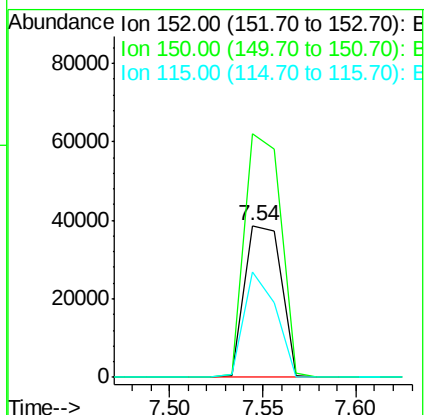
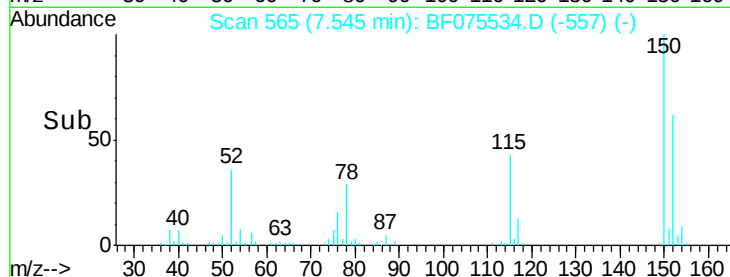
115 69.1 57.1 85.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 100.85 ng

RT: 5.84 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

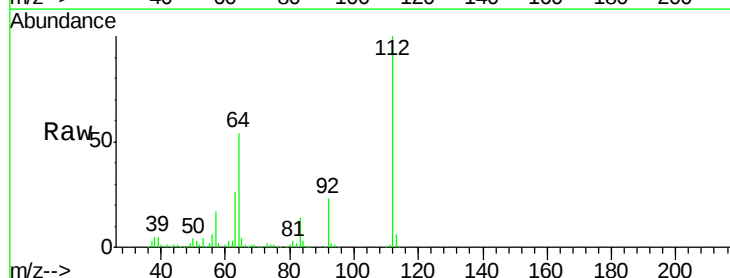
Tgt Ion:112 Resp: 302295

Ion Ratio Lower Upper

112 100

64 54.2 45.8 68.6

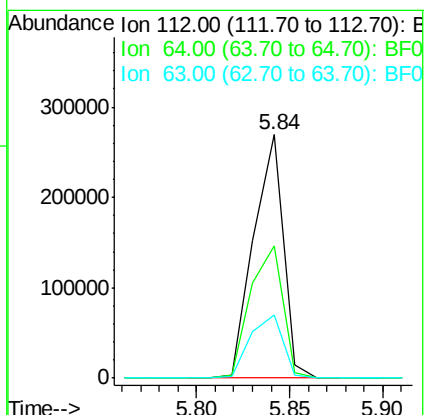
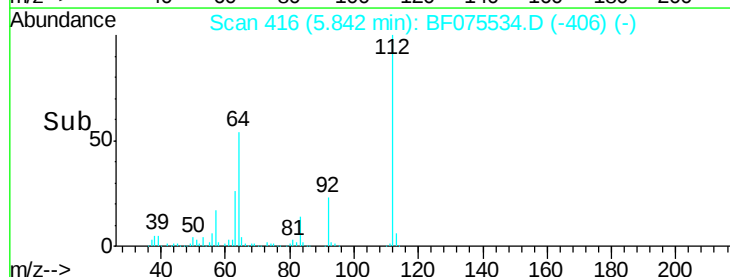
63 25.8 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 97.87 ng

RT: 7.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Instrument :

BNA_F

ClientSampleId :

SB-10(37-39)-111114

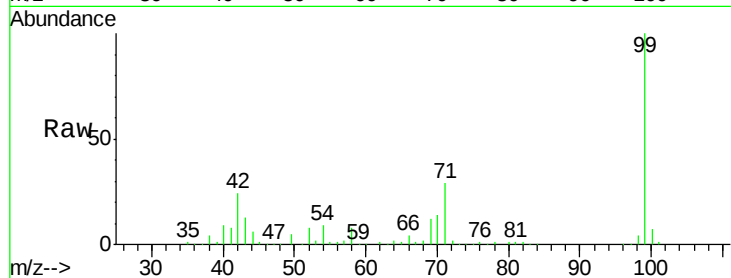
Tgt Ion: 99 Resp: 352799

Ion Ratio Lower Upper

99 100

42 23.5 19.8 29.6

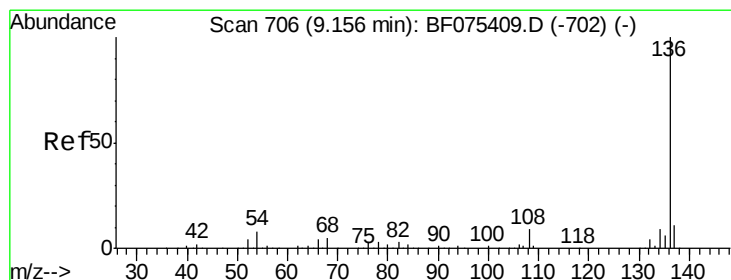
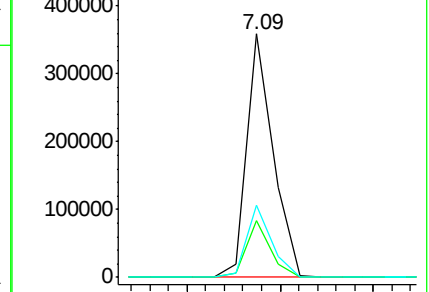
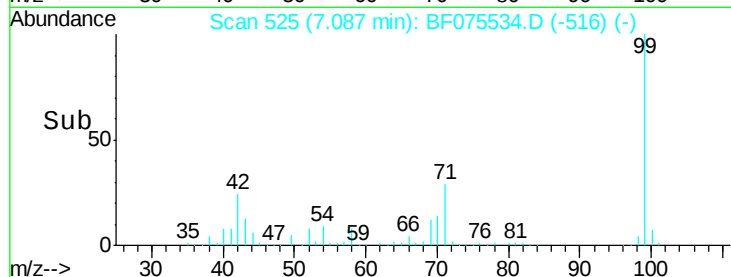
71 29.5 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Tgt Ion: 136 Resp: 230334

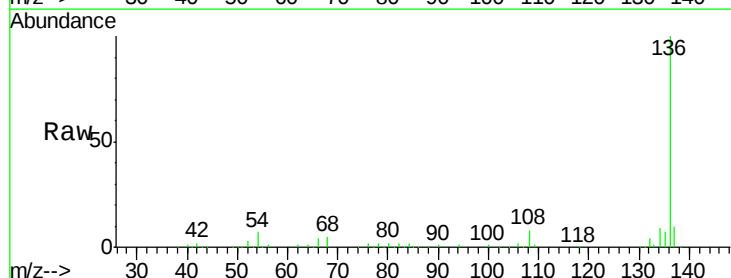
Ion Ratio Lower Upper

136 100

137 9.8 8.2 12.4

54 6.7 6.2 9.4

68 4.7 3.4 5.2

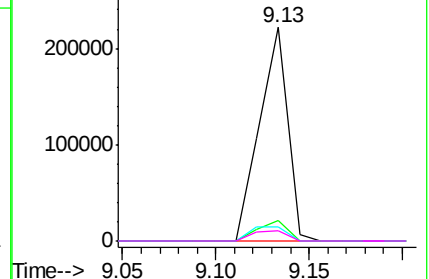
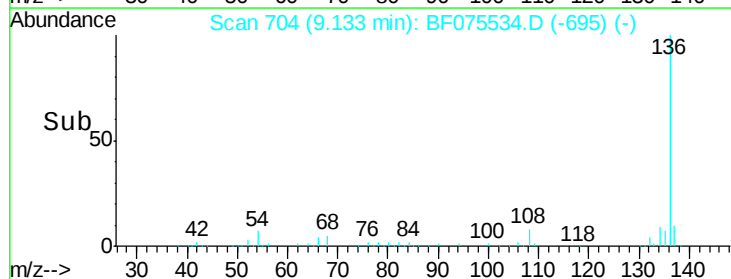


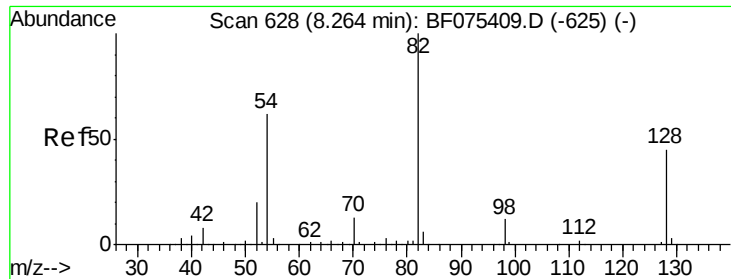
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

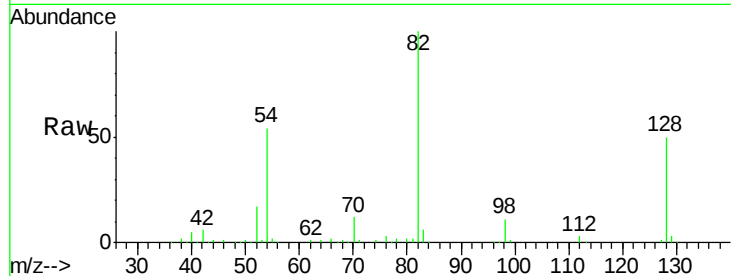




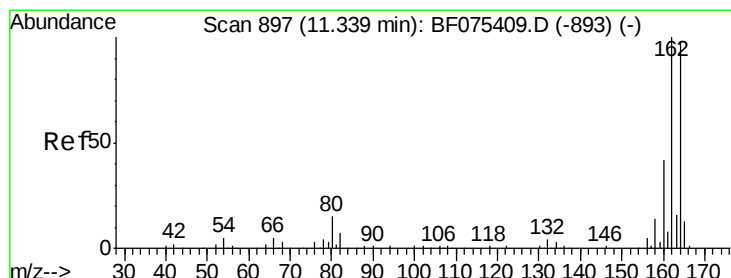
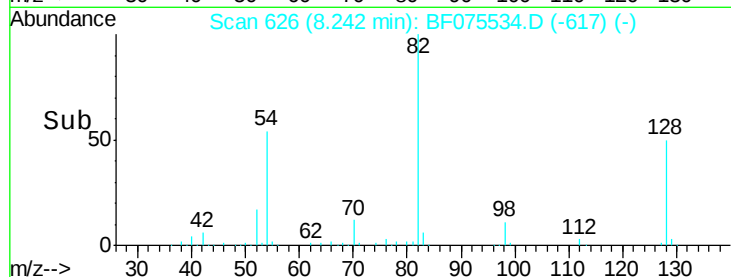
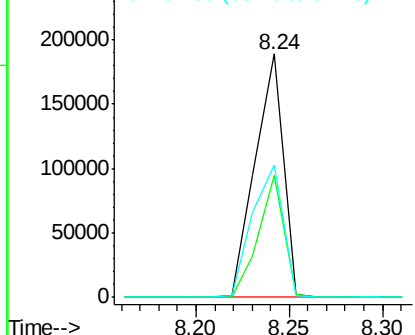
#23
Nitrobenzene-d5
Concen: 62.89 ng
RT: 8.24 min Scan# 626
Delta R.T. 0.00 min
Lab File: BF075534.D
Acq: 15 Nov 2014 11:35

Instrument :
BNA_F
ClientSampleId :
SB-10(37-39)-111114

Tgt Ion: 82 Resp: 197586
Ion Ratio Lower Upper
82 100
128 50.2 37.8 56.6
54 54.4 49.8 74.8

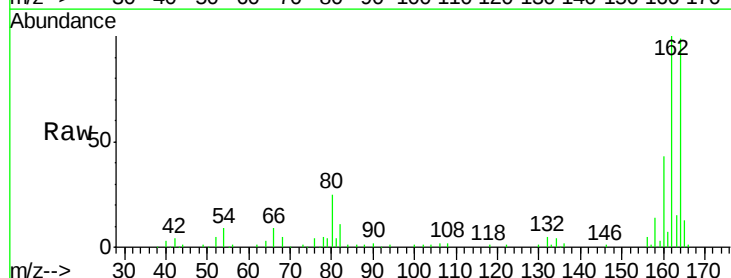


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

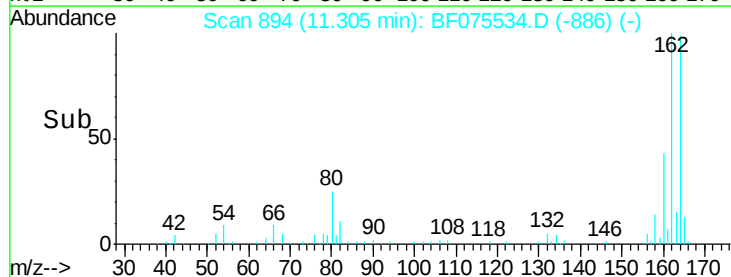
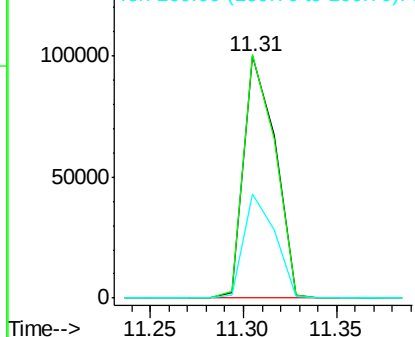


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF075534.D
Acq: 15 Nov 2014 11:35

Tgt Ion: 164 Resp: 117219
Ion Ratio Lower Upper
164 100
162 100.6 79.1 118.7
160 42.8 34.6 51.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

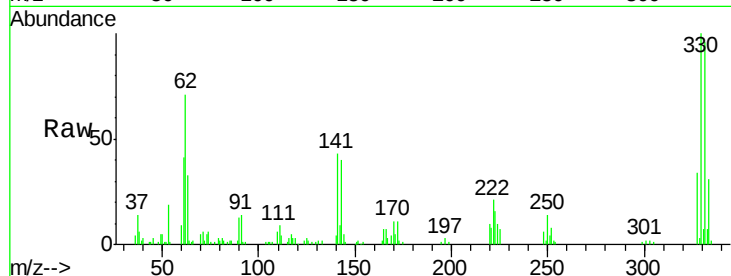




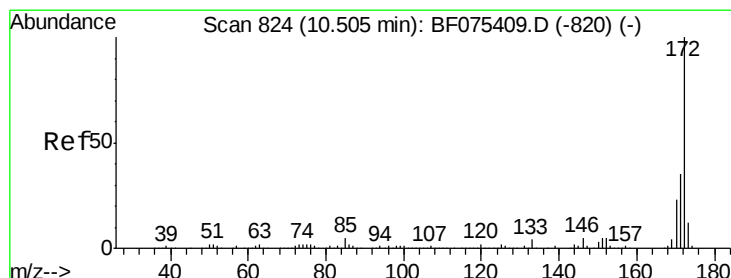
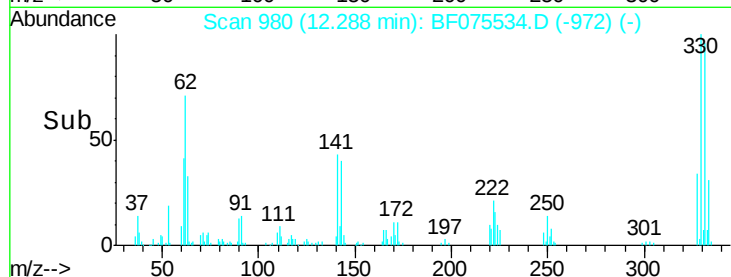
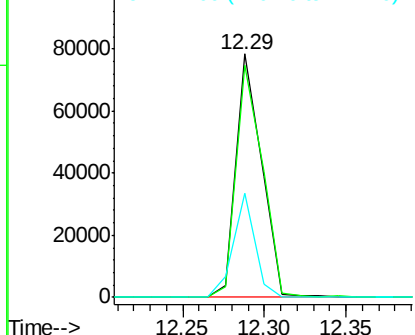
#41
 2,4,6-Tribromophenol
 Concen: 86.21 ng
 RT: 12.29 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF075534.D
 Acq: 15 Nov 2014 11:35

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(37-39)-111114

Tgt Ion:330 Resp: 84644
 Ion Ratio Lower Upper
 330 100
 332 98.2 74.5 111.7
 141 36.3 30.7 46.1

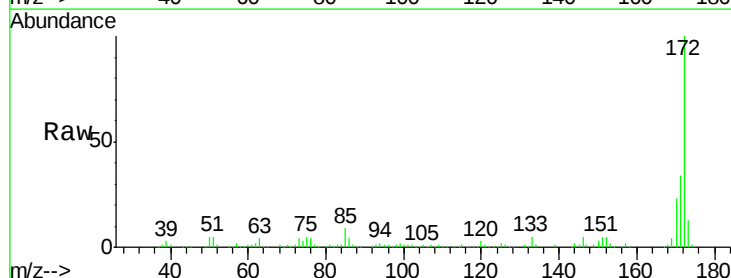


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

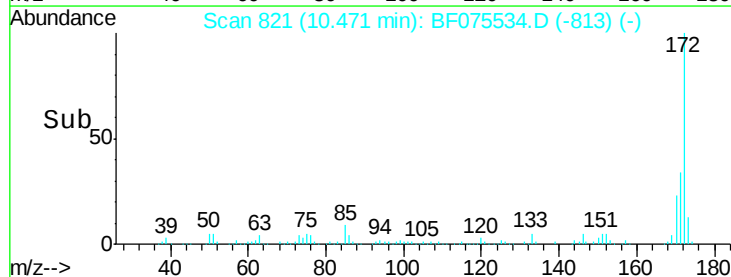
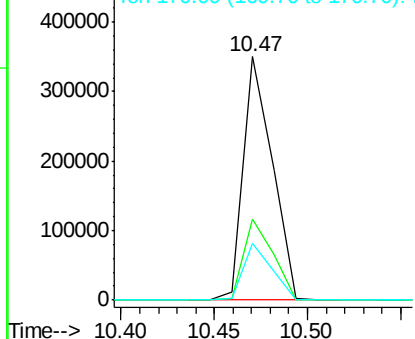


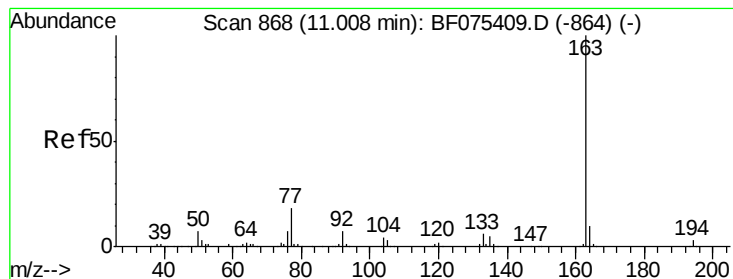
#44
 2-Fluorobiphenyl
 Concen: 58.05 ng
 RT: 10.47 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF075534.D
 Acq: 15 Nov 2014 11:35

Tgt Ion:172 Resp: 376584
 Ion Ratio Lower Upper
 172 100
 171 33.5 27.3 40.9
 170 23.1 18.4 27.6



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.92 ng

RT: 10.97 min Scan# 865

Delta R.T. -0.01 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Instrument :

BNA_F

ClientSampleId :

SB-10(37-39)-111114

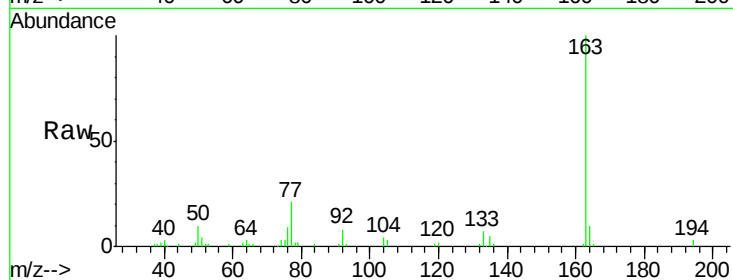
Tgt Ion: 163 Resp: 71475

Ion Ratio Lower Upper

163 100

194 2.9 2.7 4.1

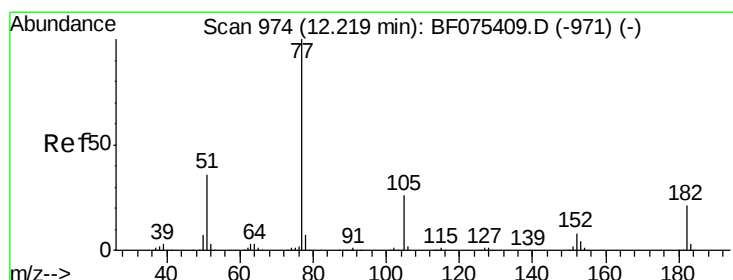
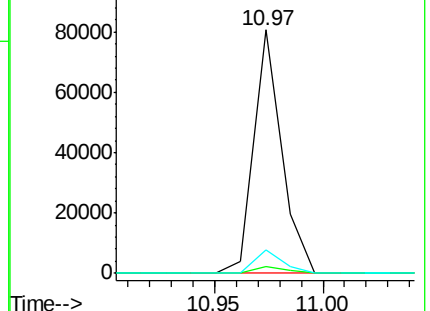
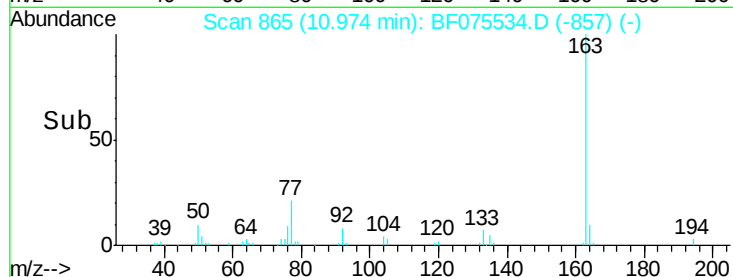
164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#62

Azobenzene

Concen: 3.15 ng

RT: 12.21 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Tgt Ion: 77 Resp: 23068

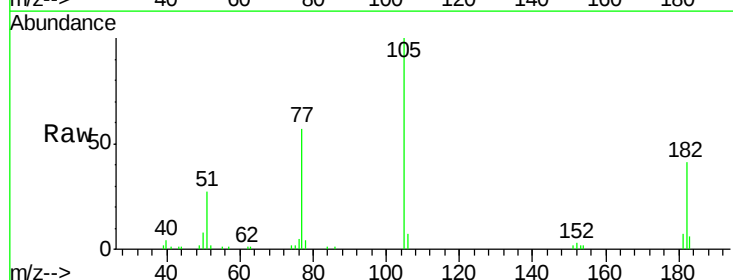
Ion Ratio Lower Upper

77 100

182 72.2 0.0 37.1#

105 174.5 3.7 43.7#

51 46.3 18.7 58.7

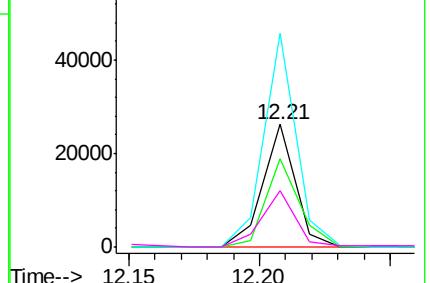
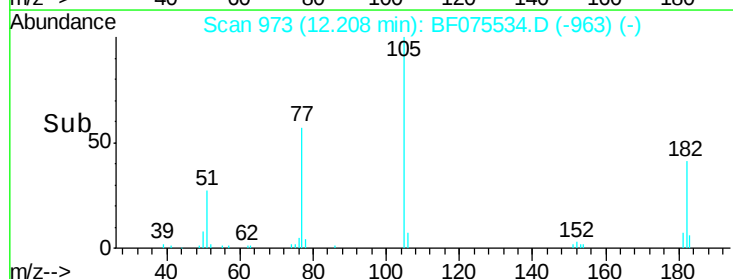


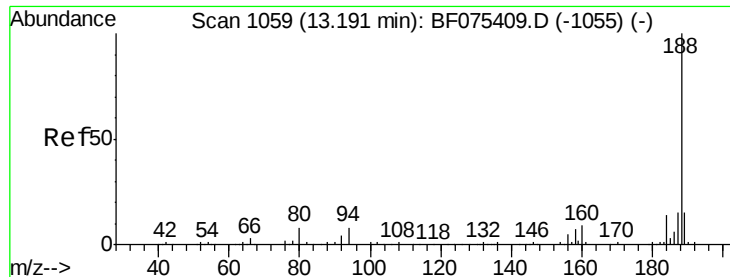
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

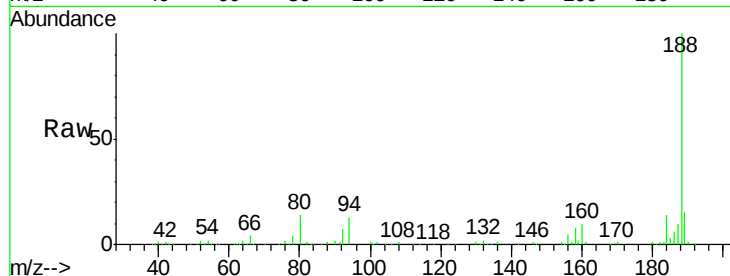




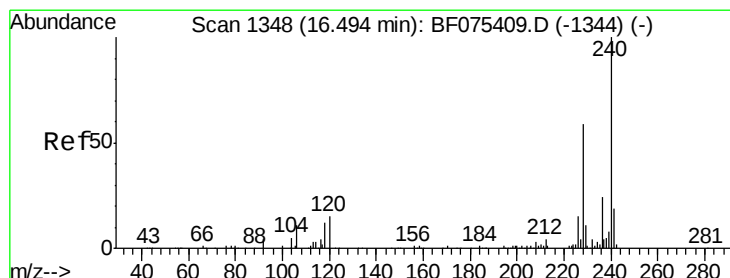
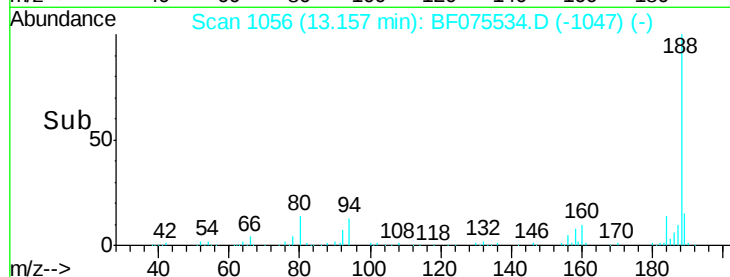
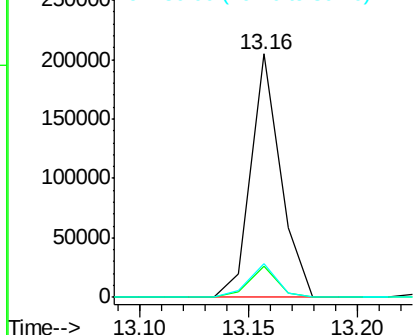
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 13.16 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF075534.D
Acq: 15 Nov 2014 11:35

Instrument :
BNA_F
ClientSampleId :
SB-10(37-39)-111114

Tgt Ion:188 Resp: 195132
Ion Ratio Lower Upper
188 100
94 12.8 7.8 11.6#
80 13.7 8.0 12.0#

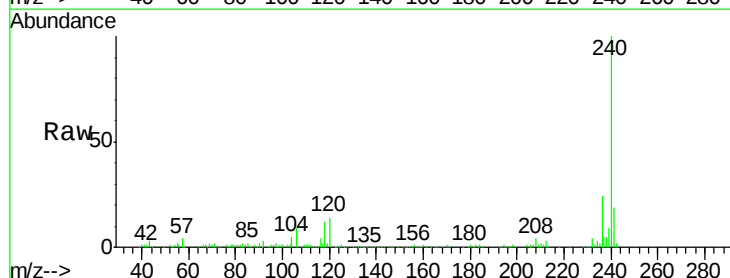


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

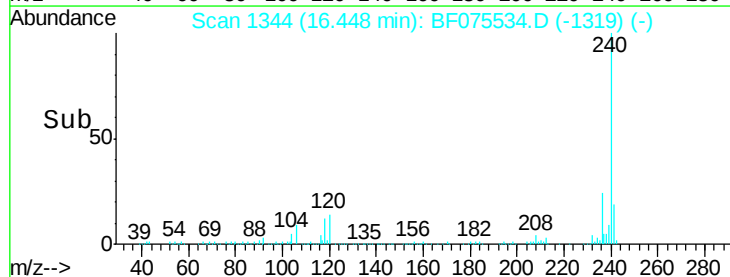
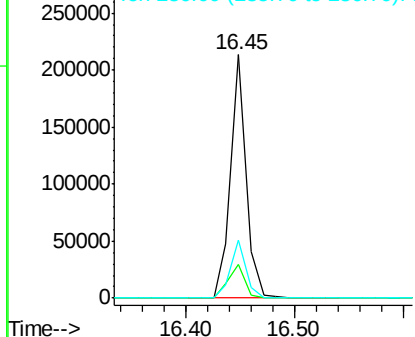


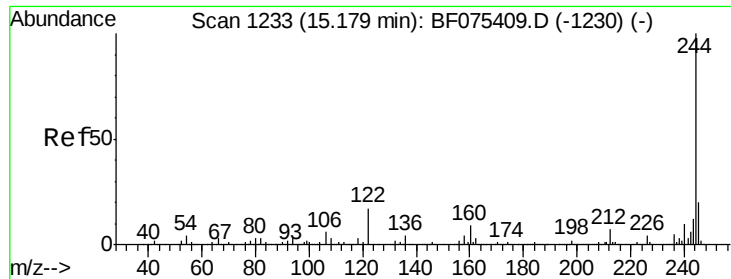
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.45 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF075534.D
Acq: 15 Nov 2014 11:35

Tgt Ion:240 Resp: 210506
Ion Ratio Lower Upper
240 100
120 13.6 9.6 14.4
236 23.8 18.9 28.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 52.41 ng

RT: 15.16 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

Instrument :

BNA_F

ClientSampleId :

SB-10(37-39)-111114

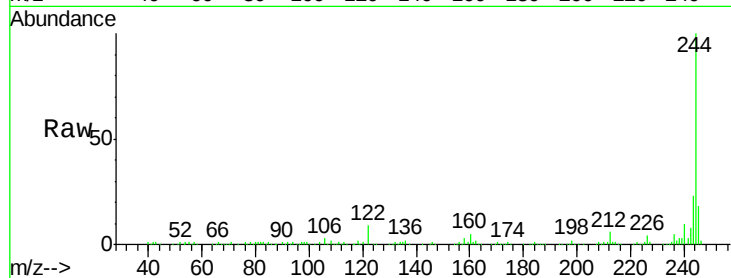
Tgt Ion:244 Resp: 409847

Ion Ratio Lower Upper

244 100

212 5.7 5.5 8.3

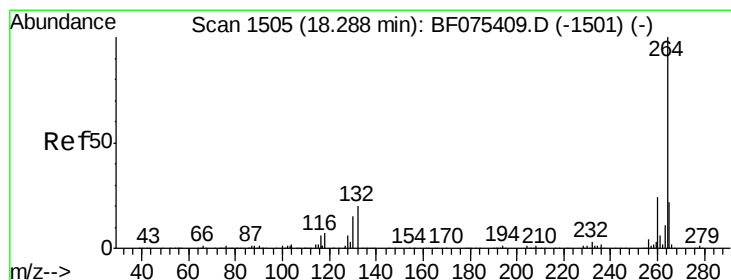
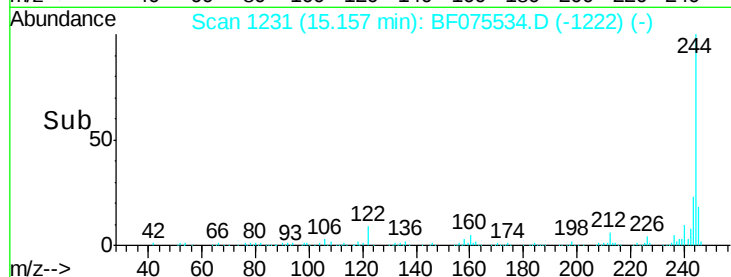
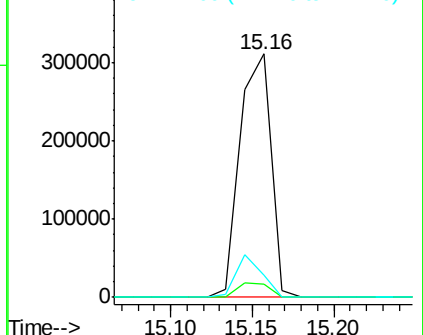
122 9.2 9.7 14.5#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 18.17 min Scan# 1495

Delta R.T. -0.06 min

Lab File: BF075534.D

Acq: 15 Nov 2014 11:35

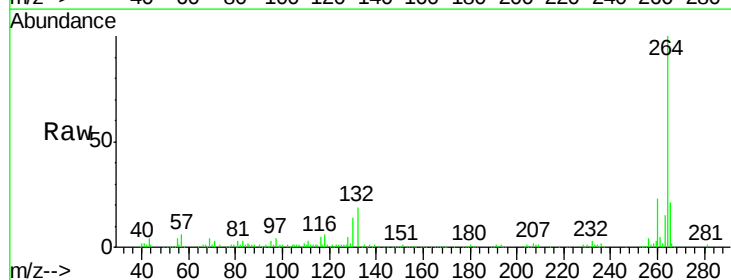
Tgt Ion:264 Resp: 214631

Ion Ratio Lower Upper

264 100

260 23.2 17.9 26.9

265 21.3 16.3 24.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

